

Table 3b. Freshwater Final Acute Value (FAV) and Criteria Calculations

Calculated Freshwater FAV based on 4 lowest values: Total Number of GMAVs in Data Set = 27					
Rank	GMAV	InGMAV	(InGMAV) ^c	P = R/(n+1)	SQRT(P)
4	9.600	2.261	5.114	0.143	0.378
3	6.670	1.897	3.599	0.107	0.327
2	5.930	1.780	3.170	0.071	0.267
1	4.050	1.398	1.954	0.036	0.189
Sum:		7.33671	13.83657	0.35714	1.16153
S = 4.374 L = 0.5641 A = 1.542					
Calculated FAV = 4.674452					
Calculated CMC = 2.337					

Dissolved Copper Criterion Maximum Concentration (CMC) = 2.337 µg/L (for example normalization chemistry see Table 1, footnote f)
Criteria Lethal Accumulation (LA50) based on example normalization chemistry = 0.03395 nmol/g wet wt
Criterion Continuous Concentration (CCC) = 4.67445/3.22 = 1.4516932 µg/L (for example normalization chemistry see Table 1, footnote

S = Scale parameter or slope

L = Location parameter or intercept

P = Cumulative probability

A = lnFAV

* Table updated as of March 2, 2007